

# Annual Index

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- Harnad, S. R.; Steklis, H. D.; Lancaster, J., eds. *Origins and Evolution of Language and Speech*, Sep, 624.
- Harper, C. *Introduction to Mathematical Physics*, Sep, 628.
- Harrison, F. W.; Cowden, R. R., eds. *Aspects of Sponge Biology*, Jan, 98.
- Harrison, G. A.; Weiner, J. S.; Tanner, J. M.; Barnicot, N. A. *Human Biology: An Introduction to Human Evolution, Variation, Growth, and Ecology*, 2nd ed. Nov, 783.
- Harrison, R.; Lunt, G. G. *Biological Membranes: Their Structure and Function*, Jan, 99.
- Harvey, A. M. *Adventures in Medical Research: A Century of Discovery at Johns Hopkins*, Mar, 247.
- Hasdorff, L. *Gradient Optimization and Nonlinear Control*, May, 380.
- Hedberg, H. D., ed. *International Stratigraphic Guide: A Guide to Stratigraphic Classification, Terminology, and Procedure*, Mar, 228.
- Heinemann, H.; Carberry, J. J., eds. *Catalysis Reviews: Science and Engineering*, Vol. 10, Mar, 245.
- Heinrich, M. R., ed. *Extreme Environments: Mechanisms of Microbial Adaptation*, May, 369.
- Heller, A.; Tierney, M., eds. *Algebra, Topology, and Category Theory: A Collection of Papers in Honor of Samuel Eilenberg*, May, 377.
- Helm, M. W.; Loveland, F. O., eds. *Frontier Adaptations in Lower Central America*, May, 375.
- Helstrom, C. W. *Quantum Detection and Estimation Theory*, Mar, 227.
- Henley, E. J.; Lewins, J., eds. *Advances in Nuclear Science and Technology*, Vol. 9, Jul, 487.
- Hercules, J. I., et al., eds. *Proceedings of the Symposium on Molecular and Cellular Aspects of Sickle Cell Disease*, Jul, 498.
- Hermann, R., ed. *Sophus Lie's 1884 Differential Invariants Paper*, Jul, 505.

- Hertzberg, R. W. *Deformation and Fracture Mechanics of Engineering Materials*, Jul, 506.
- Hexter, W.; Yost, H. T., Jr. *The Science of Genetics*, May, 366.
- Hilgard, E. R.; Hilgard, J. R. *Hypnosis in the Relief of Pain*, Mar, 240.
- Hindle, B., ed. *Early American Science*, Jan, 87.
- Hixson, H. F., Jr.; Goldberg, E. P., eds. *Polymer Grafts in Biochemistry*, Mar, 235.
- Hnatek, E. R. *A User's Handbook of D/A and A/D Converters*, May, 379.
- Ho, P.-t. *Cradle of the East: An Inquiry into the Indigenous Origins of Techniques and Ideas of Neolithic and Early Historic China, 5000-1000 B.C.*, Jul, 502.
- Hockman, C. H.; Bieger, D., eds. *Chemical Transmission in the Mammalian Central Nervous System*, May, 372.
- Hodder, I.; Orton, C. *Spatial Analysis in Archaeology*, Jul, 503.
- Hood, D. W.; Burrell, D. C., eds. *Assessment of the Arctic Marine Environment: Selected Topics*, Jul, 490.
- Horn, D. J. *Biology of Insects*, Nov, 777.
- Horwitz, W., ed. *Official Methods of Analysis of the Association of Official Analytical Chemists*, 12th ed., Jan, 94.
- Howson, C., ed. *Method and Appraisal in the Physical Sciences: The Critical Background to Modern Science, 1800-1905*, Sep, 646.
- Hoyt, W. G. *Lowell and Mars*, Jan, 107.
- Huddart, H.; Hunt, S. *Visceral Muscle*, Jan, 101.
- Hutchins, C. M., ed. *Musical Acoustics, Part 2: Violin Family Functions*, May, 359.
- Hutchinson, S. J., et al., eds. *The Early History of Agriculture*, Nov, 788.
- International Atomic Energy Agency. *Biological and Environmental Effects of Low-Level Radiation*, Vols. 1 & 2, Sep, 623.
- International Atomic Energy Agency. *Nuclear Techniques in Geochemistry and Geophysics*, May, 357.
- International Atomic Energy Agency. *Transuranium Nuclides in the Environment*, Sep, 623.
- Irvine, T. N., ed. *Chromium: Its Physicochemical Behavior and Petrologic Significance*, Jan, 96.
- Isaac, G. L.; McCown, E. R., eds. *Human Origins: Louis Leakey and the East African Evidence*, Mar, 229.
- Isaacs, A., ed. *The Penguin Book of the Physical World*, Jan, 92.
- Isaacs, I. M. *Character Theory of Finite Groups*, Mar, 242.
- Isaacson, R. L.; Pribram, K. H., eds. *The Hippocampus, Vol. 2: Neurophysiology and Behavior*, Jan, 102.
- Jacobs, S. F., et al., eds. *Laser Photochemistry, Tunable Lasers, and Other Topics*, Jan, 93.
- James, G.; James, R. C., eds. *Mathematics Dictionary*, 4th ed., May, 378.
- James, T. L. *Nuclear Magnetic Resonance in Biochemistry*, Mar, 236.
- Janis, I. L.; Mann, L. *Decision Making: A Psychological Analysis of Conflict, Choice, and Commitment*, Sep, 638.
- Jarcho, S., ed. *Essays on the History of Medicine*, Jul, 510.
- Jargocki, C. P. *Science Brain-Twisters, Paradoxes, and Fallacies*, Mar, 225.
- Jauch, J. M.; Rohrlich, F. *The Theory of Photons and Electrons: The Relativistic Quantum Field Theory of Charged Particles with Spin One-Half*, 2nd rev. ed., Sep, 626.
- Jaynes, J. *The Origin of Consciousness in the Breakdown of the Bicameral Mind*, Jul, 483.
- Jenkins, S. H., ed. *Water Pollution Research*, Vol. 1: *Technical Papers*, Vol. 2: *Workshop Papers*, Jan, 107.
- Jochim, M. A. *Hunter-Gatherer Subsistence and Settlement: A Predictive Model*, Mar, 240.
- Johari, O.; Becker, R. P., eds. *Scanning Electron Microscopy*, 1976, Vol. 2, Parts 4-8, Mar, 234.
- Jones, C. W. *Biological Energy Conservation*, Nov, 779.
- Jugenheimer, R. W. *Corn: Improvement, Seed Production and Uses*, Jan, 98.
- Junge, D. *Nerve and Muscle Excitation*, Jan, 102.
- Kahn, H.; Brown, W.; Martel, L. *The Next 200 Years: A Scenario for America and the World*, Sep, 645.
- Kallard, T. *Exploring Laser Light*, Jul, 486.
- Katz, D. H.; Benacerraf, B. *The Role of Products of the Histocompatibility Gene Complex in Immune Responses*, May, 371.
- Kaufman, M. *American Medical Education: The Formative Years, 1765-1910*, Jan, 87.
- Keairns, D. L., ed. *Fluidization Technology*, Nov, 785.
- Keating, D. P., ed. *Intellectual Talent: Research and Development*, May, 373.
- Keith, L. H., ed. *Identification and Analysis of Organic Pollutants in Water*, Mar, 225.
- Kenward, M. *Potential Energy: An Analysis of World Energy Technology*, May, 355.
- Kerker, M., ed. *Colloid and Interface Science*, Vols. 1-5, Sep, 644.
- Kestin, J., ed. *The Second Law of Thermodynamics*, Nov, 785.
- Killeen, J., ed. *Controlled Fusion. Methods in Computational Physics: Advances in Research Applications*, Vol. 16, Nov, 770.
- King, D. W., et al. *A Survey of Pathology*, Nov, 780.
- King, E. A. *Space Geology: An Introduction*, May, 362.
- King, R. C., ed. *Handbook of Genetics*, Vol. 5: *Molecular Genetics*, Sep, 635.
- Kirby-Smith, H. T. U. S. *Observatories: A Directory and Travel Guide*, Jul, 486.
- Kistiakowsky, G. B. *A Scientist at the White House*, Mar, 219.
- Knowles, P. F.; Marsh, D.; Rattle, H. W. E. *Magnetic Resonance of Biomolecules: An Introduction to the Theory and Practice of NMR and ESR in Biological Systems*, Jul, 495.
- Kohlstedt, S. G. *The Formation of the American Scientific Community: The AAAS, 1848-1860*, Jan, 87.
- Krausz, A. S.; Eyring, H. *Deformation Kinetics*, Mar, 245.
- Kurtén, B. *The Cave Bear Story: Life and Death of a Vanquished Animal*, Mar, 229.
- Lack, D. *Island Biology Illustrated by the Land Birds of Jamaica*, Jul, 492.
- Lambert, J. H.; Jaki, S. L. (trans.) *Cosmological Letters on the Arrangement of the World-Edifice*, Sep, 644.
- Lancaster, P. *Mathematics Models of the Real World*, May, 378.
- Landon, D. N., ed. *The Peripheral Nerve*, May, 370.
- Lange, C. H.; Riley, C. L.; Lange, E. M., eds. *The Southwestern Journals of Adolph F. Bandelier, 1885-1888*, Vol. 3, May, 382.
- Lapedes, D. N., ed. *McGraw-Hill Encyclopedia of Energy*, May, 356.
- Lapedes, D. N., ed. *McGraw-Hill Encyclopedia of Science and Technology*, 4th ed., Nov, 773.
- Laurila, S. H. *Electronic Surveying and Navigation*, Mar, 230.
- LaVeau, G. E.; Schmidt, W. G., eds. *Communications Satellite Developments: Systems and Technology*, Jul, 484.
- Lawrence, P. A., ed. *Insect Development*, Sep, 632.
- LeBlanc, J. *Man in the Cold*, May, 370.
- Lee, R. B.; DeVore, L., eds. *Kalahari Hunter-Gatherers: Studies of the !Kung San and Their Neighbors*, Jul, 503.
- Lemberger, L.; Rubin, A. *Physiologic Disposition of Drugs of Abuse*, May, 371.
- Lenneberg, E. H.; Lenneberg, E., eds. *Foundations of Language Development: A Multidisciplinary Approach*, Vols. 1 & 2, Jan, 104.
- Lesky, E., ed. *A System of Complete Medical Police: Selections from Johann Peter Frank*, May, 381.
- Lewin, R. A., ed. *The Genetics of Algae*, Jul, 494.
- Lewis, T. G.; Doerr, J. W. *Minicomputers: Structure and Programming*, Sep, 642.
- Leyendekkers, J. V. *Thermodynamics of Seawater as a Multicomponent Electrolyte Solution, Part 1: Entropy, Volume, Expansibility, Compressibility*, Jul, 491.
- Liebowitz, H., ed. *Progress in Fatigue and Fracture: Freudenthal Anniversary Volume*, May, 379.
- Lifshitz, E. M.; Pitaevskii, L. P. *Relativistic Quantum Theory*, May, 358.
- Lindberg, D. C. *Theories of Vision from Al-Kindi to Kepler*, May, 381.
- Lintz, J. L., Jr.; Simonett, D. S., eds. *Remote Sensing of Environment*, Nov, 774.
- Little, R. E.; Jebe, E. H. *Statistical Design of Fatigue Experiments*, Jan, 106.
- Liu, B. Y. H., ed. *Fine Particles: Aerosol Generation, Measurement, Sampling, and Analysis*, Nov, 769.
- Loeb, A. L. *Space Structures: Their Harmony and Counterpoint*, Mar, 243.
- Losick, R.; Chamberlin, M., eds. *RNA Polymerase*, May, 353.
- Lougee, R. J.; Lougee, C. R. *Late-Glacial Chronology*, Jan, 96.
- Lowrance, W. W. *Of Acceptable Risk: Science and the Determination of Safety*, Mar, 219.
- Maclean, N. *Control of Gene Expression*, Mar, 233.
- MacRae, D., Jr. *The Social Function of Social Science*, Jul, 507.
- Maddy, A. H., ed. *Biochemical Analysis of Membranes*, Jul, 499.
- Mahanty, J.; Ninham, B. W. *Dispersion Forces*, Nov, 770.
- Mahoney, M. J. *Scientist as Subject: The Psychological Imperative*, Nov, 786.
- Mansfield, T. A., ed. *Effects of Air Pollutants on Plants*, Jul, 496.
- Maramorosch, K., ed. *Invertebrate Tissue Culture: Research Applications*, May, 372.
- Marchalonis, J. J., ed. *Comparative Immunology*, Sep, 636.
- Marsden, J. E.; McCracken, M. *The Hopf Bifurcation and Its Applications*, Jul, 504.
- Marsden, J. E.; Tromba, A. J. *Vector Calculus*, Jan, 106.
- Marshall, K. C. *Interfaces in Microbial Ecology*, May, 368.
- Martin, J. W.; Doherty, R. D. *Stability of Microstructure in Metallic Systems*, May, 379.
- Masani, P., ed. *Norbert Wiener: Collected Works with Commentaries*, Vol. 1, Mar, 220.
- Massey, H. *Negative Ions*, 3rd ed., Mar, 222.
- Masterton, R. B., et al., eds. *Evolution of Brain and Behavior in Vertebrates*, May, 364.
- Matsuda, R. *Morphology and Evolution of the Insect Abdomen*, Jul, 493.
- May, R. M., ed. *Theoretical Ecology: Principles and Applications*, Nov, 780.
- Mayr, E. *Evolution and the Diversity of*

- Life: Selected Essays*, May, 363.
- McKeown, T. *The Modern Rise of Population*, Nov, 787.
- McMullan, J. T.; Morgan, R.; Murray, R. B. *Energy Resources and Supply*, Jul, 489.
- McQuarrie, D. A. *Statistical Mechanics*, Jul, 488.
- Meeks, M. L., ed. *Astrophysics*, Part B: *Radio Telescopes*, Part C: *Radio Observations*, Mar, 223.
- Mehlman, M. A.; Shapiro, R. E.; Blumenthal, H., eds. *New Concepts in Safety Evaluation*, Jul, 500.
- Mehra, J. *The Solvay Conferences on Physics: Aspects of the Development of Physics since 1911*, Jan, 93.
- Melzak, Z. A. *Mathematical Ideas, Modeling and Applications*, Jul, 504.
- Middelhoeck, S.; George, P. K.; Dekker, P. *Physics of Computer Memory Devices*, Nov, 772.
- Miksch, J. P., ed. *Modern Methods in Forest Genetics*, May, 368.
- Miller, B. M.; Litsky, W. *Industrial Microbiology*, May, 368.
- Milora, S. L.; Tester, J. W. *Geothermal Energy as a Source of Electric Power: Thermodynamic and Economic Design Criteria*, Nov, 785.
- Mitton, S. *Exploring the Galaxies*, Sep, 625.
- Montagna, W. *Nonhuman Primates in Biomedical Research*, May, 372.
- Moore, D. M. *Plant Cytogenetics*, Sep, 634.
- Moore, P. *New Guide to the Moon*, Jul, 490.
- Morrison, M. A.; Estle, T. L.; Lane, N. F. *Quantum States of Atoms, Molecules, and Solids*, May, 358.
- Morse, P. M. *In at the Beginnings: A Physicist's Life*, Sep, 645.
- Moss, T. S., ed. *Infrared Detectors*, Nov, 773.
- Moss, T. S., ed. *International Conference on Infrared Physics*, Nov, 773.
- Mostow, G. D., ed. *Mathematical Models for Cell Rearrangement*, Jan, 105.
- Mudd, J. B.; Kozlowski, T. T., eds. *Responses of Plants to Air Pollution*, Jan, 100.
- Murphy, A. W., ed. *The Nuclear Power Controversy*, Mar, 220.
- Murray, B.; Burgess, E. *Flight to Mercury*, Nov, 775.
- Murthy, S. N. B., et al., eds. *Aerodynamics of Base Combustion*, Sep, 643.
- Nader, R.; Abbotts, J. *The Menace of Atomic Energy*, Nov, 767.
- Napolitano, L. G.; Contensou, P.; Hilton, W. F., eds. *Space Activity Impact on Science and Technology*, Jan, 91.
- Napolitano, L. G.; Contensou, P.; Hilton, W. F., eds. *Space Stations Present and Future*, Jan, 91.
- Narahashi, T., ed. *Cellular Pharmacology of Excitable Tissues*, Jan, 102.
- Needham, J. *Science and Civilisation in China*, Vol. 5: *Chemistry and Chemical Technology*, Part 3: *Spagyric Discovery and Invention*, May, 383.
- Neisser, U. *Cognition and Reality: Principles and Implications of Cognitive Psychology*, Sep, 638.
- Nelson, D. S., ed. *Immunobiology of the Macrophage*, Mar, 237.
- Newton, R. R. *Ancient Planetary Observations and the Validity of Ephemeris Time*, Mar, 246.
- Noggle, G. R.; Fritz, G. J. *Introductory Plant Physiology*, May, 367.
- Norris, R. M.; Webb, R. W. *Geology of California*, Jul, 490.
- Norstog, K.; Long, R. W. *Plant Biology*, Mar, 230.
- North, J. D. *Richard of Wallingford*, Vols. 1-3, Sep, 645.
- Nygaard, O. F.; Adler, H. I.; Sinclair, W. K., eds. *Radiation Research: Biomedical, Chemical, and Physical Perspectives*, Jan, 92.
- O'Day, D. H.; Horgen, P. A., eds. *Eucaryotic Microbes as Model Developmental Systems*, Nov, 777.
- Oden, J. T.; Reddy, J. N. *An Introduction to the Mathematical Theory*, Nov, 784.
- Oehser, P. H., ed. *National Geographic Research Reports—1968*, Jul, 502.
- Ogata, K., et al., eds. *Microbial Production of Nucleic Acid-Related Substances*, Sep, 635.
- Oleson, A.; Brown, S. C., eds. *The Pursuit of Knowledge in the Early American Republic: American Scientific and Learned Societies from Colonial Times to the Civil War*, Jan, 87.
- O'Mongain, E.; O'Toole, C. P., eds. *Physics in Industry*, Jul, 482.
- O'Neill, G. K. *The High Frontier: Human Colonies in Space*, Nov, 767.
- Oppenheim, J. J.; Rosenstreich, D. L., eds. *Mitogens in Immunobiology*, Mar, 237.
- Osborne, J. L.; Wolfendale, A. W., eds. *Origin of Cosmic Rays*, Jul, 486.
- Osgood, C. *The Chinese: A Study of a Hong Kong Community*, Vols. 1-3, Nov, 783.
- Oswalt, W. *An Anthropological Analysis of Food-Getting Technology*, Sep, 640.
- Patten, B. C., ed. *Systems Analysis and Simulation in Ecology*, Vol. 4, Sep, 634.
- Pearse, R. W. B.; Gaydon, A. G. *The Identification of Molecular Spectra*, 4th ed., May, 358.
- Peberdy, J. F., et al., eds. *Microbial and Plant Protoplasts*, Jul, 495.
- Pedoe, D. A. *Geometric Approach to Linear Algebra*, 2nd ed., Jul, 505.
- Peeters, H., ed. *Protides of the Biological Fluids*, Sep, 638.
- Pelz, D. C.; Andrews, F. M. *Scientists in Organizations: Productive Climates for Research and Development*, rev. ed., Sep, 639.
- Penick, J., Jr. *The New Madrid Earthquakes of 1811-1812*, May, 382.
- Penner, S. S., ed. *Energy*, Vol. 3: *Nuclear Energy and Energy Policies*, Jan, 94.
- Penner, S. S.; Icerman, L. *Energy*, Vol. 1: *Demands, Resources, Impact, Technology, and Policy*, Jan, 94.
- Penner, S. S.; Icerman, L. *Energy*, Vol. 2: *Non-Nuclear Technologies*, Jan, 94.
- Penzholz, H., et al., eds. *Brain Hypoxia Pain*, Jan, 102.
- Perlmutter, A.; Widmayer, S. M., eds. *Progress in Lasers and Laser Fusion*, Jan, 94.
- Phipps, D. A. *Metals and Metabolism*, Nov, 772.
- Piaget, J. *The Grasp of Consciousness: Action and Concept in the Young Child*, Mar, 239.
- Platt, J. J.; Labate, C. *Heroin Addiction: Theory, Research, and Treatment*, May, 371.
- Ponnamperuma, C., ed. *Chemical Evolution of the Giant Planets*, Jul, 485.
- Poston, T.; Stewart, I. N. *Taylor Expansions and Catastrophes*, Sep, 642.
- Potter, J. M. *Thai Peasant Social Structure*, Sep, 641.
- Premack, D. *Intelligence in Ape and Man*, Sep, 639.
- Prescott, D. M. *Reproduction of Eukaryotic Cells*, Jul, 496.
- Preventive Medicine USA. *Education and Training of Health Manpower for Prevention*, May, 369.
- Preventive Medicine USA. *Theory, Practice and Application of Prevention in Personal Health Services; and Quality Control and Evaluation of Preventive Health Services*, May, 369.
- Preventive Medicine USA. *Theory, Practice and Application of Prevention in Environmental Health Services; and Social Determinants of Human Health*, May, 369.
- Price, P. W. *Insect Ecology*, Jan, 97.
- Rabinovitch, B. S.; Johnston, H. S.; Schurr, J. M., eds. *Annual Review of Physical Chemistry*, Vol. 27, Jul, 488.
- Ralls, K. M.; Courtney, T. H.; Wulff, J. *An Introduction to Materials Science and Engineering*, Nov, 786.
- Rapoport, S. *Blood-Brain Barrier in Physiology and Medicine*, Jan, 102.
- Raudkivi, A. J. *Loose Boundary Hydraulics*, 2nd ed., May, 380.
- Raudkivi, A. J.; Callander, R. A. *Analysis of Groundwater Flow*, Nov, 786.
- Raven, P. H.; Evert, R. F.; Curtis, H. *The Biology of Plants*, 2nd ed., Jul, 496.
- Rayner, C., ed. *The Rand McNally Atlas of the Body and Mind*, May, 371.
- Reese, K. M., ed. *A Century of Chemistry: The Role of Chemists and the American Chemical Society*, Jan, 87.
- Reid, C. *Courant in Göttingen and New York: The Story of an Improbable Mathematician*, May, 383.
- Reingold, N., ed. *Science in America since 1820*, Jan, 87.
- Richards, B. E., ed. *Measurement of Unsteady Fluid Dynamic Phenomena*, Sep, 644.
- Ringertz, N. R.; Savage, R. E. *Cell Hybrids*, Jul, 499.
- Roberts, F. S. *Discrete Mathematical Models: With Applications to Social, Biological, and Environmental Problems*, May, 378.
- Roberts, J. *Elementary Number Theory: A Problem Oriented Approach*, Nov, 784.
- Robertson, J. C. *A Guide to Radiation Protection*, Nov, 770.
- Robson, D.; Fox, J. D., eds. *Nuclear Analogue States*, Sep, 628.
- Rohner, R. P. *They Love Me, They Love Me Not: A Worldwide Study of the Effects of Parental Acceptance and Rejection*, Jan, 104.
- Rolfe, S. T.; Barsom, J. M. *Fracture and Fatigue Control in Structures: Applications of Fracture Mechanics*, Sep, 644.
- Rose-Innes, A. C.; Rhoderick, E. H. *Introduction to Superconductivity*, Mar, 227.
- Rosenthale, M. E.; Mansmann, H. C., Jr., eds. *Immunopharmacology*, Mar, 238.
- Rosenzweig, M. R.; Bennett, E. L., eds. *Neural Mechanisms of Learning and Memory*, Jul, 500.
- Rozdziński, W. *Officina Ferrari: A Polish Poem of 1612 Describing the Noble Craft of Ironwork*, Nov, 788.
- Rubin, Z., ed. *Doing unto Others: Joining, Molding, Conforming, Helping, Loving*, May, 374.
- Russell, H. S. *A Long, Deep Furrow: Three Centuries of Farming in New England*, Jul, 509.
- Sahlins, M. *The Use and Abuse of Biology: An Anthropological Critique of Sociobiology*, May, 352.
- Sanderson, R. T. *Chemical Bonds and Bond Energy*, 2nd ed., Mar, 226.
- Sanday, P. R., ed. *Anthropology and the Public Interest: Fieldwork and Theory*, Mar, 240.
- Sargent, T. D. *Legion of Night: The Underwing Moths*, Nov, 778.
- Saunders, D. S. *Insect Clocks*, May, 365.
- Savage, R. J. G.; Coryndon, S. C. *Fossil Vertebrates of Africa*, Vol. 4, Mar, 229.
- Schaffer, J. J. *Geometry of Spheres in Normed Spaces*, Sep, 642.
- Schensted, I. V. *A Course on the Application of Group Theory to Quantum Mechanics*, Nov, 771.
- Schiffer, M. B. *Behavioral Archeology: Studies in Archeology*, Mar, 240.
- Schneider, S. H. *The Genesis Strategy*:

- Climate and Global Survival*, Mar, 228.
- Schultz, P. H. *Moon Morphology: Interpretations Based on Lunar Orbiter Photography*, Jan, 95.
- Schwartz, B. *Queuing and Waiting: Studies in the Social Organization of Access and Delay*, Jan, 104.
- Scott, R. W.; West, R. R., eds. *Structure and Classification of Paleocommunities*, Mar, 228.
- Segal, I. E. *Mathematical Cosmology and Extragalactic Astronomy*, Mar, 242.
- Seligman, G. B. *Rational Methods in Lie Algebras*, Mar, 242.
- Selkregg, L. L., ed. *Alaska Regional Profiles: Southwest Region*, Vol. 3, May, 353.
- Service, M. W. *Mosquito Ecology: Field Sampling Methods*, May, 367.
- Sewell, G. H. *Environmental Quality Management*, Jan, 100.
- Shabad, T.; Mote, V. L. *Gateway to Siberian Resources (The BAM)*, Nov, 766.
- Shafer, G. A. *Mathematical Theory of Evidence*, Mar, 242.
- Shafizadeh, F.; Sarkanen, K. V.; Tillman, D. A., eds. *Thermal Uses and Properties of Carbohydrates and Lignins*, Nov, 770.
- Sharpe, G. W.; Hendee, C. W.; Allen, S. W. *Introduction to Forestry*, 4th ed., Mar, 236.
- Shaviv, G.; Rosen, J., eds. *General Relativity and Gravitation*, Jan, 94.
- Sheehan, P. W.; Perry, C. W. *Methodologies of Hypnosis: A Critical Appraisal of Contemporary Paradigms of Hypnosis*, Jul, 501.
- Shine, I.; Wrobel, S. *Thomas Hunt Morgan: Pioneer of Genetics*, Nov, 788.
- Shipman, H. L. *Black Holes, Quasars and the Universe*, Jan, 92.
- Shorey, H. H. *Animal Communication by Pheromones*, May, 364.
- Short, N., et al., eds. *Mission to Earth: Landsat Views the World*, Jul, 482.
- Sienko, M. J.; Plane, R. A. *Chemistry*, 5th ed., May, 359.
- Simmonds, N. W., ed. *Evolution of Crop Plants*, Mar, 231.
- Singer, S. F., ed. *The Changing Global Environment*, Jan, 100.
- Sinkankas, J. *Gemstones of North America*, Vol. 2, Jan, 91.
- Smith, A. *Protein Biosynthesis*, Mar, 231.
- Smith, C. A., ed. *Regional Analysis*, Vol. 1: *Economic Systems*, Vol. 2: *Social Systems*, Nov, 782.
- Smith, C. B., ed. *Efficient Electricity Use: A Practical Handbook for an Energy Constrained World*, Mar, 244.
- Smith, J. E.; Berry, D. R., eds. *Biosynthesis and Metabolism*, Mar, 234.
- Smith, N. *Man and Water: A History of Hydro-Technology*, Mar, 247.
- Sneddon, I. N., ed. *Encyclopaedic Dictionary of Mathematics for Engineers and Applied Scientists*, Mar, 245.
- Snow, D. W. *The Web of Adaptation: Bird Studies in the American Tropics*, Jul, 492.
- Soloviev, V. G. *The Theory of Complex Nuclei*, Mar, 225.
- Sommer, R. *The End of Imprisonment*, Jan, 103.
- Spinks, J. W. T.; Woods, R. J. *An Introduction to Radiation Chemistry*, 2nd ed., May, 360.
- Sprackling, M. T. *The Plastic Deformation of Simple Ionic Crystals*, Nov, 769.
- Springer, G. S. *Erosion by Liquid Impact*, Mar, 244.
- Stamp, T.; Stamp, C. *William Scoresby: Arctic Scientist*, Jan, 107.
- Stanford, A. L., Jr. *Foundations of Biophysics*, Jan, 98.
- Stanley, D. J.; Swift, D. J. P., eds. *Marine Sediment Transport and Environmental Management*, Nov, 774.
- Starcke, C. N. *The Primitive Family in Its Origin and Development*, May, 377.
- Stavrianos, L. S. *The Promise of the Coming Dark Age*, Sep, 645.
- Steen, H. K. *The U.S. Forest Service: A History*, Jul, 495.
- Stepan, N. *Beginnings of Brazilian Science: Oswaldo Cruz, Medical Research and Policy, 1890-1920*, Mar, 247.
- Stocking, C. R.; Heber, U., eds. *Transport in Plants: Intracellular Interactions and Transport Processes*, Nov, 776.
- Straub, C. P., ed. *Handbook of Environmental Control*, Vol. 5: *Hospital and Health Facilities*, Mar, 235.
- Straughan, B. P.; Walker, S., eds. *Spectroscopy*, Vols. 1-3, Jul, 490.
- Strong, J. P., ed. *Atherosclerosis in Primates*, May, 371.
- Sugden, D. E.; John, B. S. *Glaciers and Landscapes: A Geomorphological Approach*, Nov, 776.
- Sunderland, N., ed. *Perspectives in Experimental Biology*, Vol. 2: *Botany*, Mar, 233.
- Suzuki, D.; Griffiths, A. J. F. *An Introduction to Genetic Analysis*, Jan, 98.
- Svelto, O. *Principles of Lasers*, Mar, 223.
- Szekely, J.; Evans, J. W.; Sohn, H. Y. *Gas-Solid Reactions*, Jul, 505.
- Tarter, R. E.; Sugarman, A. A., eds. *Alcoholism: Interdisciplinary Approaches to an Enduring Problem*, Jul, 498.
- Tedrow, J. C. F. *Soils of the Polar Landscapes*, Sep, 630.
- Thielcke, G. A. *Bird Sounds*, Jan, 97.
- Todd, D. K.; McNulty, D. E. O. *Polluted Groundwater: A Review of the Significant Literature*, Jan, 96.
- Toomer, G. J., ed. *Diocles on Burning Mirrors: The Arabic Translation of the Lost Greek Original*, May, 382.
- Torrey, V. *Wind-Catchers: American Windmills of Yesterday and Tomorrow*, Jul, 509.
- Tourbier, J.; Pierson, R. W., Jr., eds. *Biological Control of Water Pollution*, Nov, 779.
- Tower, D. B.; Eagles, E. L., eds. *The Nervous System*, Vol. 3: *Human Communication and Its Disorders*, Mar, 237.
- Townsend, P. D.; Kelly, J. C.; Hartley, N. E. *W. Ion Implantation, Sputtering, and Their Applications*, Mar, 222.
- Treves, F. *Basic Linear Partial Differential Equations*, May, 378.
- Van Wylen, G. J.; Sonntag, R. E. *Fundamentals of Classical Thermodynamics*, SI version, 2nd ed., Sep, 643.
- Veatch, R. M. *Death, Dying, and the Biological Revolution: Our Last Quest for Responsibility*, May, 382.
- Veziroglu, T. N., ed. *First World Hydrogen Energy Conference*, Vols. 1-3, Nov, 768.
- Vlodaver, Z., et al. *Coronary Heart Disease: Clinical, Angiographic, and Pathological Profiles*, Jul, 498.
- Voight, B., ed. *Mechanics of Thrust Faults and Décollement*, Sep, 630.
- Vurpillot, E. *The Visual World of the Child*, Mar, 239.
- Vydra, F.; Stulik, K.; Julakova, E. *Electrochemical Stripping Analysis*, Nov, 772.
- Wainwright, S. A., et al. *Mechanical Design in Organisms*, Mar, 232.
- Walker, B. S.; Gurd, J. R.; Drawneek, E. A. *Interactive Computer Graphics*, May, 379.
- Wang, F. P. Y., ed. *Treatise on Materials Science and Technology*, Vol. 9: *Ceramic Fabrication Processes*, Jul, 506.
- Wang, S. Y., ed. *Photochemistry and Photobiology of Nucleic Acids*, Vol. 1: *Chemistry*, Mar, 231.
- Warburton, G. B. *The Dynamical Behaviour of Structures*, 2nd ed., Sep, 643.
- Wardlaw, I. F.; Passioura, J. B., eds. *Transport and Transfer Processes in Plants*, Jul, 494.
- Watabe, N.; Wilbur, K. M., eds. *The Mechanisms of Mineralization in the Invertebrates and Plants*, Jul, 491.
- Weart, S. R., ed. *Selected Papers of Great American Physicists*, Jan, 87.
- Webster, C. *The Great Instauration: Science, Medicine, and Reform, 1626-1660*, May, 381.
- Welford, W. T. *Optics*, Mar, 224.
- Welkowitz, W.; Deutsch, S. *Biomedical Instruments: Theory and Design*, Jul, 500.
- Wells, J. H.; Williams, L. R. *Embeddings and Extensions in Analysis*, May, 378.
- Welsh, D. J. A. *Matroid Theory*, Jul, 504.
- Wendorf, F.; Schild, R. *The Prehistory of the Nile Valley*, Jul, 502.
- Westing, A. H. *Ecological Consequences of the Second Indochina War*, Mar, 230.
- Weymann, R. J., et al. *Lecture Notes on Introductory Theoretical Astrophysics*, Nov, 772.
- Whaley, W. G. *The Golgi Apparatus: Cell Biology Monographs*, Vol. 2, Jan, 99.
- Whitton, B. A., ed. *River Ecology*, Jan, 100.
- Wicklund, R. A.; Brehm, J. W. *Perspective on Cognitive Dissonance*, Nov, 781.
- Widder, D. V. *The Heat Equation*, May, 377.
- Wiley, M., ed. *Estuarine Processes*, Vol. 2: *Circulation, Sediments, and Transfer of Material in the Estuary*, Sep, 630.
- Willard, B. C. *Russell W. Porter: Arctic Explorer, Artist, Telescope Maker*, Mar, 247.
- Williams, D., ed. *Spectroscopy*, Parts A & B, Jan, 92.
- Willoughby, L. G. *Freshwater Biology*, Nov, 778.
- Windley, B. F., ed. *The Early History of the Earth*, Mar, 221.
- Wingard, L. B., Jr.; Katchalski-Katzir, E.; Goldstein, L., eds. *Immobilized Enzyme Principles*, Nov, 780.
- Winter, R. A. *Consumer's Dictionary of Cosmetic Ingredients*, rev. ed., Nov, 768.
- Wiśniewski, S.; Staniszewski, B.; Szymanik, R. *Thermodynamics of Nonequilibrium Processes*, Jul, 507.
- Wolf, E. R., ed. *The Valley of Mexico: Studies in Pre-Hispanic Ecology and Society*, Jul, 503.
- Wong, J.; Angell, C. A. *Glass Structure by Spectroscopy*, May, 361.
- Wootton, R. J. *The Biology of the Sticklebacks*, Sep, 634.
- Worthington, L. V. *On the North Atlantic Circulation*, Sep, 629.
- Wunderlich, B. *Macromolecular Physics*, Vol. 2: *Crystal Nucleation, Growth, Annealing*, Nov, 770.
- Wyld, H. W. *Mathematical Methods for Physics*, Jul, 488.
- Yih, C.-S., ed. *Advances in Applied Mechanics*, Vol. 16, Sep, 644.
- Young, A. M. *The Geometry of Meaning*, May, 383.
- Young, A. M. *The Reflexive Universe: Evolution of Consciousness*, May, 383.
- Yuhas, J. M.; Tennant, R. W.; Regan, J. D., eds. *Biology of Radiation Carcinogenesis*, Mar, 236.
- Zeilik, M. *Astronomy: The Evolving Universe*, Mar, 223.
- Zotterman, Y., ed. *Sensory Functions of the Skin in Primates*, Jul, 498.
- Zubrow, E. B. W., ed. *Demographic Anthropology: Quantitative Approaches*, Sep, 640.

